

## CLAIMS

1. An optical component, comprising:  
a light signal carrying region positioned between secondary regions; and  
a thermal conductor positioned over the light signal carrying region and at least a portion of the secondary regions, the thermal conductor including one or more nanotubules.
2. A method of forming an optical component, comprising:  
forming an optical component having a light signal carrying region positioned between secondary regions; and  
forming a thermal conductor over the light signal carrying region and at least a portion of the secondary regions, the thermal conductor including one or more nanotubules.
3. The method of claim 2, wherein forming the thermal conductor having one or more nanotubules includes applying microwaves to a material.
4. The method of claim 3, wherein the material to which the microwaves are applied is carbon.